



NEWS

Federal Communications Commission
445 12th Street, S.W.
Washington, D. C. 20554

News Media Information 202 / 418-0500
Internet: <http://www.fcc.gov>
TTY: 1-888-835-5322

This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action.
See MCI v. FCC, 515 F 2d 385 (D.C. Circ 1974).

FOR IMMEDIATE RELEASE:
May 28, 2002

NEWS MEDIA CONTACT:
Maureen Peratino (202) 418-0506

FCC and Industry Canada Sign Arrangement on Principles Governing Use of 37.5-42.5 GHz Band

Washington, D.C.: The Federal Communications Commission (FCC) has entered into an Arrangement with Industry Canada to enhance delivery of V-band spectrum services to consumers. A positive development for cross border wireless services between the United States and Canada, the Arrangement establishes principles to govern use of the 37.5-42.5 GHz band.

Both the United States and Canada have licensed fixed terrestrial wireless systems in the 38.6-40 GHz band on an area basis intended to facilitate deployment of high-density broadband wireless applications. The purpose of the FCC-Industry Canada Arrangement (attached) is to ensure protection of these systems by limiting the power flux-density levels of satellite systems currently being designed to operate in the V-band. The Arrangement is an outgrowth of the World Radiocommunication Conference-2000 (WRC-2000), where because not all issues related to this band were resolved, the United States and other countries in the Americas agreed in WRC-2000 Resolution 84 that they could resolve satellite power flux-density values on a country-to-country basis.

The Arrangement reaffirms the band segmentation approach proposed by the Commission after WRC-2000 that identifies spectrum below 40 GHz primarily for high density fixed service use as well as spectrum between 40 and 42 GHz primarily for high density fixed-satellite service applications. The provisions of the Arrangement are attached.

For further information, contact: John Giusti at (202) 418-1407, jgiusti@fcc.gov or Linda L. Haller at (202) 418-1408, lhaller@fcc.gov.

Attachment

Arrangement Between Canada and the United States on Principles to Govern the Use of the 37.5-42.5 GHz Band

The parties to this arrangement:

- 1) support retention of the pfd values contained in Table **21-4** of the Radio Regulations applicable to the bands within the 37.5-42.5 GHz range;
- 2) will obtain concurrence of other administrations party to this arrangement before authorizing a frequency assignment for an FSS network in the 37.5-40 GHz band if such an FSS network would produce a power flux-density in excess of the values in Table **21-4** minus 12 dB in the other country's territory, noting that the -12 dB value is subject to review as per item 3) below;
- 3) will consider the results of technical studies with regard to the appropriate value of downlink power control and adjust the criteria in item 2) above if warranted and agreed upon by each of the parties;
- 4) will propose the suppression of Resolution 84 (WRC-2000) in national and international fora, e.g., CITELE, ITU etc., with a view towards addressing the fade compensation requirements within Region 2;
- 5) will take steps to reflect these principles in their respective domestic policies to ensure that operators of satellite systems wishing to implement services will be aware of their responsibilities and requirements;
- 6) recognize that each administration is free to declare in a global context that it is under no obligation to accept the provision of FSS within its territory if it believes that emissions from satellites providing services in its territory would cause unacceptable interference to its terrestrial services in the 37.5-40 GHz and 42-42.5 GHz bands.
- 7) recognize that these principles are subject to review at any time at the request of administrations party to this arrangement.